(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 2 September 2004 (02.09.2004)

PCT

(10) International Publication Number WO 2004/075618 A1

(51) International Patent Classification7:

H05K 13/08

(21) International Application Number:

PCT/JP2004/002019

- (22) International Filing Date: 20 February 2004 (20.02.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2003-045452

24 February 2003 (24.02.2003) J

- (71) Applicant (for all designated States except US): MAT-SUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): CHIKUMA, Toru. MIYAZAKI, Hiroto. KAWASHIMA, Junichi. TANAKA, Youichi. YOSHIDA, Noriaki.

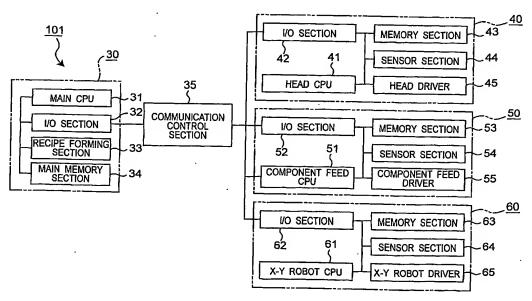
- (74) Agents: KAWAMIYA, Osamu et al.; Aoyama & Partners, Imp Building, 3-7, Shiromi 1-chome, Chuo-ku Osaka-shi, Osaka, 5400001 (JP).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

[Continued on next page]

(54) Title: COMPONENT MOUNTING APPARATUS AND COMPONENT MOUNTING METHOD



(57) Abstract: In component mounting for executing component feed operation and component holding and pickup operation, a recipe for the component holding and pickup operation that is an operation program for executing the component holding and pickup operation is received in a head unit (4), and the component holding and pickup operation is executed on the basis of the recipe. In addition, a timing signal based on the execution is transmitted to a component feed unit (6), the recipe for the component feed operation for executing the component feed operation is received in the component feed unit, and the component feed operation is completed on the basis of the recipe and the timing signal transmitted from the head unit.

O 2004/075618 A1

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.